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# Missouri Area Labor Trends

Data Month November 1987

*A Monthly Review of Missouri Labor Market Information*

## Missouri Labor Market Review

***Bill Niblack, Labor Economist*** ***Lloyd Banwart, Analyst***

Missouri unemployment increased in November, climbing back toward last summer's level. After having been 5.5 percent for the previous two months, the state's unemployment rate increased to 6.1 percent in November. This was the same as in June and August but well below July's 6.7 percent rate.

About 156,300 Missourians were jobless in November, some 12,600 more than in October. Part of the increase was accounted for by a layoff in the automobile industry. Increased claims for unemployment insurance were also noted in food, apparel, and machinery manufacturing, as well as in construction, trade, services, and finance. Some of these increases represent usual seasonal ones, but unemployment increased by more than the expected amount for November.

Total employment dropped by 44,500 between October and November but still remains 16,700 above the year-ago level. The November monthly drop was greater than the seasonally-expected decline. The civilian labor force decreased by 31,900 to 2,574,600.

Nonfarm payroll employment decreased only slightly in November, dropping by 2000 jobs to 2,189,800. This drop was primarily accounted for by the drop of 2500 in transportation equipment manufacturing caused by a layoff in the automobile industry. Other changes in the manufacturing industries were small. Nonmanufacturing industry changes were mostly seasonal in nature, with gains in retail trade and state and local government offsetting declines in construction and services.

Compared to a year ago, payroll employment is up by 29,800 jobs. Manufacturing is down by 4400 jobs because of the loss of 7600 jobs in motor vehicles and equipment manufacturing. Other durable goods industries were up by 200 on balance, as a decline in electrical equipment was more than offset by gains in lumber and wood products and furniture and fixtures. Employment in nondurable goods manufacturing increased by 3000 jobs over the past 12 months, with notable gains in food, apparel, and leather manufacturing.

The factory workweek was little changed in November, as average weekly hours of manufacturing production workers dropped by a tenth of an hour to 41.3 hours. This is still a historically high level, however. Average hourly earnings rebounded to $9.88, about the same as in September. Weekly earnings grew to $408.04, about 3.7 percent higher than a year ago.

### *National Economic and Labor Market Conditions*

National employment continued to increase in Novem-

Continued on Page 6

MISSOURI TOTAL EMPLOYMENT AND UNEMPLOYMENT RATE

Table 1
MISSOURI DIVISION OF EMPLOYMENT SECURITY
CIVILIAN LABOR FORCE, EMPLOYMENT, UNEMPLOYMENT AND UNEMPLOYMENT RATES - ESTIMATES

| COUNTY/LABOR MARKET AREA | CURRENT MONTH - NOV 1987 (PRELIMINARY) | | | | PREVIOUS MONTH - OCT 1987 ( REVISED ) | | | | ONE YEAR AGO - NOV 1986 (BENCHMARKED 1986) | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | CLF | EMP | UNEMP | RATE | CLF | EMP | UNEMP | RATE | CLF | EMP | UNEMP | RATE |
| U.S. (IN 000'S) | 120611 | 113809 | 6802 | 5.6 | 120743 | 113898 | 6845 | 5.7 | 118623 | 110751 | 7872 | 6.6 |
| STATEWIDE | 2574560 | 2418282 | 156278 | 6.1 | 2606457 | 2462765 | 143692 | 5.5 | 2550027 | 2401595 | 148432 | 5.8 |
| ST. LOUIS MSA | 1259158 | 1178215 | 80943 | 6.4 | 1259183 | 1182238 | 76945 | 6.1 | 1246296 | 1164727 | 81569 | 6.5 |
| KANSAS CITY MSA | 813125 | 770434 | 42691 | 5.3 | 814249 | 773119 | 41130 | 5.1 | 806745 | 771350 | 35395 | 4.4 |
| SPRINGFIELD MSA | 121050 | 115612 | 5438 | 4.5 | 121828 | 116385 | 5443 | 4.5 | 118814 | 113213 | 5601 | 4.7 |
| COLUMBIA MSA | 66961 | 64786 | 2175 | 3.2 | 67589 | 65612 | 1977 | 2.9 | 64919 | 63070 | 1849 | 2.8 |
| JOPLIN MSA | 69405 | 65862 | 3543 | 5.1 | 70673 | 67218 | 3455 | 4.9 | 67946 | 64370 | 3576 | 5.3 |
| ST. JOSEPH MSA | 41286 | 38393 | 2893 | 7.0 | 41494 | 38644 | 2850 | 6.9 | 41621 | 38448 | 3173 | 7.6 |
| ADAIR/SCHUYLER LMA | 13782 | 13174 | 608 | 4.4 | 13946 | 13450 | 496 | 3.6 | 13532 | 12940 | 592 | 4.4 |
| ANDREW | 6968 | 6533 | 435 | 6.2 | 7101 | 6729 | 372 | 5.2 | 6786 | 6378 | 408 | 6.0 |
| ATCHISON | 3166 | 3031 | 135 | 4.3 | 3473 | 3362 | 111 | 3.2 | 3171 | 3043 | 128 | 4.0 |
| AUDRAIN | 10576 | 9908 | 668 | 6.3 | 10911 | 10343 | 568 | 5.2 | 10989 | 10227 | 762 | 6.9 |
| BARRY | 11772 | 11121 | 651 | 5.5 | 12072 | 11542 | 530 | 4.4 | 12119 | 11427 | 692 | 5.7 |
| BARTON | 5394 | 5173 | 221 | 4.1 | 5624 | 5437 | 187 | 3.3 | 5194 | 4995 | 199 | 3.8 |
| BATES | 6594 | 6090 | 504 | 7.6 | 6989 | 6493 | 496 | 7.1 | 6153 | 5788 | 365 | 5.9 |
| BENTON | 5543 | 5098 | 445 | 8.0 | 5796 | 5445 | 351 | 6.1 | 5397 | 4898 | 499 | 9.2 |
| BOLLINGER | 3059 | 2691 | 368 | 12.0 | 3093 | 2854 | 239 | 7.7 | 3148 | 2841 | 307 | 9.8 |
| BUTLER | 16707 | 15228 | 1479 | 8.9 | 16852 | 15497 | 1355 | 8.0 | 16953 | 15496 | 1457 | 8.6 |
| CALDWELL | 3377 | 3172 | 205 | 6.1 | 3588 | 3421 | 167 | 4.7 | 3549 | 3361 | 188 | 5.3 |
| CALLAWAY | 16030 | 15172 | 858 | 5.4 | 16406 | 15651 | 755 | 4.6 | 15907 | 15005 | 902 | 5.7 |
| CAMDEN | 13377 | 12274 | 1103 | 8.2 | 14067 | 13249 | 818 | 5.8 | 13651 | 12574 | 1077 | 7.9 |
| CAPE GIRARDEAU | 35569 | 33960 | 1609 | 4.5 | 35645 | 34246 | 1399 | 3.9 | 33885 | 32672 | 1213 | 3.6 |
| CARROLL | 5189 | 4609 | 580 | 11.2 | 5613 | 5011 | 602 | 10.7 | 5021 | 4726 | 295 | 5.9 |
| CARTER | 2052 | 1854 | 198 | 9.6 | 2126 | 1932 | 194 | 9.1 | 1962 | 1689 | 273 | 13.9 |
| CEDAR | 4869 | 4593 | 276 | 5.7 | 5194 | 4851 | 343 | 6.6 | 4850 | 4606 | 244 | 5.0 |
| CHARITON | 4491 | 4218 | 273 | 6.1 | 4809 | 4538 | 271 | 5.6 | 4420 | 4128 | 292 | 6.6 |
| CLARK | 3758 | 3532 | 226 | 6.0 | 4064 | 3776 | 288 | 7.1 | 3771 | 3596 | 175 | 4.6 |
| CLINTON | 7522 | 7056 | 466 | 6.2 | 7728 | 7338 | 390 | 5.0 | 7323 | 6912 | 411 | 5.6 |
| COLE/OSAGE LMA | 41474 | 39724 | 1750 | 4.2 | 42037 | 40339 | 1698 | 4.0 | 40814 | 39022 | 1792 | 4.4 |
| COOPER | 6624 | 6275 | 349 | 5.3 | 6845 | 6555 | 290 | 4.2 | 6938 | 6581 | 357 | 5.1 |
| CRAWFORD | 8576 | 7716 | 860 | 10.0 | 8656 | 8099 | 557 | 6.4 | 8038 | 7369 | 669 | 8.3 |
| DADE | 3084 | 2898 | 186 | 6.0 | 3199 | 3073 | 126 | 3.9 | 2937 | 2804 | 133 | 4.5 |
| DALLAS | 3733 | 3339 | 394 | 10.6 | 3986 | 3645 | 341 | 8.6 | 3912 | 3547 | 365 | 9.3 |
| DAVIESS | 4167 | 3977 | 190 | 4.6 | 4608 | 4410 | 198 | 4.3 | 4216 | 4043 | 173 | 4.1 |
| DEKALB | 3643 | 3417 | 226 | 6.2 | 3878 | 3656 | 222 | 5.7 | 3598 | 3385 | 213 | 5.9 |
| DENT | 5307 | 4791 | 516 | 9.7 | 5581 | 5109 | 472 | 8.5 | 5626 | 4909 | 717 | 12.7 |
| DOUGLAS | 4724 | 4234 | 490 | 10.4 | 4884 | 4487 | 397 | 8.1 | 4591 | 4191 | 400 | 8.7 |
| DUNKLIN | 13870 | 12847 | 1023 | 7.4 | 14295 | 13352 | 943 | 6.6 | 14075 | 12955 | 1120 | 8.0 |
| GASCONADE | 6911 | 6459 | 452 | 6.5 | 7013 | 6652 | 361 | 5.1 | 6868 | 6437 | 431 | 6.3 |
| GENTRY | 3248 | 3070 | 178 | 5.5 | 3475 | 3315 | 160 | 4.6 | 3262 | 3146 | 116 | 3.6 |
| GRUNDY | 5325 | 5113 | 212 | 4.0 | 5664 | 5364 | 300 | 5.3 | 5280 | 5020 | 260 | 4.9 |
| HARRISON | 4565 | 4339 | 226 | 5.0 | 4831 | 4625 | 206 | 4.3 | 4769 | 4543 | 226 | 4.7 |
| HENRY | 8043 | 7372 | 671 | 8.3 | 8343 | 7741 | 602 | 7.2 | 8231 | 7683 | 548 | 6.7 |
| HICKORY | 2545 | 2326 | 219 | 8.6 | 2803 | 2604 | 199 | 7.1 | 2485 | 2303 | 182 | 7.3 |
| HOLT | 2647 | 2478 | 169 | 6.4 | 2869 | 2726 | 143 | 5.0 | 2658 | 2525 | 133 | 5.0 |
| HOWARD | 4639 | 4387 | 252 | 5.4 | 4693 | 4500 | 193 | 4.1 | 4713 | 4478 | 235 | 5.0 |
| HOWELL | 13272 | 12278 | 994 | 7.5 | 13685 | 12756 | 929 | 6.8 | 13728 | 12379 | 1349 | 9.8 |
| IRON | 2280 | 1957 | 323 | 14.2 | 2321 | 2026 | 295 | 12.7 | 2638 | 2247 | 391 | 14.8 |
| JOHNSON | 18530 | 17781 | 749 | 4.0 | 19068 | 18374 | 694 | 3.6 | 17832 | 17222 | 610 | 3.4 |
| KNOX | 2042 | 1925 | 117 | 5.7 | 2247 | 2135 | 112 | 5.0 | 2033 | 1914 | 119 | 5.9 |
| LACLEDE | 13475 | 12629 | 846 | 6.3 | 13800 | 13033 | 767 | 5.6 | 12897 | 11927 | 970 | 7.5 |
| LAWRENCE | 13603 | 12882 | 721 | 5.3 | 14213 | 13460 | 753 | 5.3 | 13285 | 12452 | 833 | 6.3 |
| LEWIS | 4410 | 4120 | 290 | 6.6 | 4672 | 4398 | 274 | 5.9 | 4884 | 4411 | 473 | 9.7 |

Table 1

MISSOURI DIVISION OF EMPLOYMENT SECURITY

CIVILIAN LABOR FORCE, EMPLOYMENT, UNEMPLOYMENT AND UNEMPLOYMENT RATES - ESTIMATES

| COUNTY/LABOR MARKET AREA | CURRENT MONTH - NOV 1987 (PRELIMINARY) | | | | PREVIOUS MONTH - OCT 1987 ( REVISED ) | | | | ONE YEAR AGO - NOV 1986 (BENCHMARKED 1986) | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | CLF | EMP | UNEMP | RATE | CLF | EMP | UNEMP | RATE | CLF | EMP | UNEMP | RATE |
| LINCOLN | 11154 | 10400 | 754 | 6.8 | 11431 | 10763 | 668 | 5.8 | 10923 | 10217 | 706 | 6.5 |
| LINN | 6575 | 5995 | 580 | 8.8 | 6789 | 6203 | 586 | 8.6 | 6529 | 5914 | 615 | 9.4 |
| LIVINGSTON | 6679 | 6317 | 362 | 5.4 | 6954 | 6645 | 309 | 4.4 | 6504 | 6184 | 320 | 4.9 |
| MACON | 9050 | 8631 | 419 | 4.6 | 9396 | 8982 | 414 | 4.4 | 8554 | 8095 | 459 | 5.4 |
| MADISON | 4701 | 4390 | 311 | 6.6 | 4895 | 4580 | 315 | 6.4 | 4167 | 3838 | 329 | 7.9 |
| MARIES | 4078 | 3776 | 302 | 7.4 | 4253 | 3979 | 274 | 6.4 | 4327 | 4013 | 314 | 7.3 |
| MARION/RALLS LMA | 17288 | 16120 | 1168 | 6.8 | 17814 | 16745 | 1069 | 6.0 | 17226 | 16044 | 1182 | 6.9 |
| MCDONALD | 7902 | 7469 | 433 | 5.5 | 8248 | 7837 | 411 | 5.0 | 7165 | 6773 | 392 | 5.5 |
| MERCER | 1685 | 1595 | 90 | 5.3 | 1885 | 1790 | 95 | 5.0 | 1642 | 1566 | 76 | 4.6 |
| MILLER | 9576 | 8582 | 994 | 10.4 | 9887 | 9036 | 851 | 8.6 | 9963 | 8791 | 1172 | 11.8 |
| MISSISSIPPI | 6347 | 5824 | 523 | 8.2 | 6659 | 6172 | 487 | 7.3 | 6167 | 5639 | 528 | 8.6 |
| MONITEAU | 5983 | 5650 | 333 | 5.6 | 6262 | 5969 | 293 | 4.7 | 5865 | 5502 | 363 | 6.2 |
| MONROE | 5676 | 5348 | 328 | 5.8 | 5910 | 5659 | 251 | 4.2 | 5378 | 5148 | 230 | 4.3 |
| MONTGOMERY | 5086 | 4791 | 295 | 5.8 | 5227 | 4936 | 291 | 5.6 | 4716 | 4356 | 360 | 7.6 |
| MORGAN | 7536 | 6984 | 552 | 7.3 | 7969 | 7485 | 484 | 6.1 | 7099 | 6571 | 528 | 7.4 |
| NEW MADRID | 9522 | 8749 | 773 | 8.1 | 9784 | 9160 | 624 | 6.4 | 9110 | 8432 | 678 | 7.4 |
| NODAWAY | 11084 | 10756 | 328 | 3.0 | 11797 | 11427 | 370 | 3.1 | 10761 | 10370 | 391 | 3.6 |
| OREGON | 4173 | 3769 | 404 | 9.7 | 4372 | 4002 | 370 | 8.5 | 4183 | 3863 | 320 | 7.7 |
| OZARK | 3540 | 3267 | 273 | 7.7 | 3750 | 3551 | 199 | 5.3 | 3433 | 3175 | 258 | 7.5 |
| PEMISCOT | 8694 | 7978 | 716 | 8.2 | 8972 | 8370 | 602 | 6.7 | 8822 | 8094 | 728 | 8.3 |
| PERRY | 7898 | 7344 | 554 | 7.0 | 8049 | 7710 | 339 | 4.2 | 7932 | 7499 | 433 | 5.5 |
| PETTIS | 18202 | 17132 | 1070 | 5.9 | 18607 | 17649 | 958 | 5.1 | 18181 | 17022 | 1159 | 6.4 |
| PHELPS | 16628 | 15708 | 920 | 5.5 | 16749 | 15960 | 789 | 4.7 | 16543 | 15633 | 910 | 5.5 |
| PIKE | 7563 | 6988 | 575 | 7.6 | 7954 | 7443 | 511 | 6.4 | 7347 | 6894 | 453 | 6.2 |
| POLK | 9424 | 8870 | 554 | 5.9 | 9828 | 9262 | 566 | 5.8 | 9382 | 8889 | 493 | 5.3 |
| PULASKI | 12247 | 11529 | 718 | 5.9 | 12589 | 11878 | 711 | 5.6 | 12189 | 11471 | 718 | 5.9 |
| PUTNAM | 2294 | 2182 | 112 | 4.9 | 2465 | 2368 | 97 | 3.9 | 2268 | 2175 | 93 | 4.1 |
| RANDOLPH | 12026 | 11130 | 896 | 7.5 | 12128 | 11312 | 816 | 6.7 | 11536 | 10839 | 697 | 6.0 |
| REYNOLDS | 1516 | 1257 | 259 | 17.1 | 1640 | 1389 | 251 | 15.3 | 1722 | 1348 | 374 | 21.7 |
| RIPLEY | 4746 | 4396 | 350 | 7.4 | 4926 | 4583 | 343 | 7.0 | 4564 | 4189 | 375 | 8.2 |
| SALINE | 11126 | 10594 | 532 | 4.8 | 11439 | 10980 | 459 | 4.0 | 11757 | 11145 | 612 | 5.2 |
| SCOTLAND | 2392 | 2245 | 147 | 6.1 | 2579 | 2461 | 118 | 4.6 | 2347 | 2256 | 91 | 3.9 |
| SCOTT | 17988 | 16681 | 1307 | 7.3 | 18288 | 17042 | 1246 | 6.8 | 17459 | 16316 | 1143 | 6.5 |
| SHANNON | 2372 | 2008 | 364 | 15.3 | 2583 | 2217 | 366 | 14.2 | 2466 | 2018 | 448 | 18.2 |
| SHELBY | 3600 | 3471 | 129 | 3.6 | 3849 | 3726 | 123 | 3.2 | 3540 | 3403 | 137 | 3.9 |
| ST. CLAIR | 3563 | 3299 | 264 | 7.4 | 3772 | 3550 | 222 | 5.9 | 3533 | 3315 | 218 | 6.2 |
| ST. FRANCOIS | 21053 | 19225 | 1828 | 8.7 | 21051 | 19491 | 1560 | 7.4 | 19173 | 17678 | 1495 | 7.8 |
| STE. GENEVIEVE | 6798 | 6318 | 480 | 7.1 | 6902 | 6496 | 406 | 5.9 | 6764 | 6319 | 445 | 6.6 |
| STODDARD | 12430 | 11351 | 1079 | 8.7 | 12531 | 11689 | 842 | 6.7 | 12967 | 11790 | 1177 | 9.1 |
| STONE | 8152 | 7113 | 1039 | 12.7 | 9481 | 8953 | 528 | 5.6 | 7816 | 6639 | 1177 | 15.1 |
| SULLIVAN | 3761 | 3614 | 147 | 3.9 | 3956 | 3844 | 112 | 2.8 | 3346 | 3190 | 156 | 4.7 |
| TANEY | 13439 | 11715 | 1724 | 12.8 | 15832 | 15167 | 665 | 4.2 | 14111 | 12196 | 1915 | 13.6 |
| TEXAS | 9382 | 8697 | 685 | 7.3 | 9839 | 9193 | 646 | 6.6 | 9285 | 8422 | 863 | 9.3 |
| VERNON | 9235 | 8778 | 457 | 4.9 | 9586 | 9148 | 438 | 4.6 | 8936 | 8502 | 434 | 4.9 |
| WARREN | 9756 | 9192 | 564 | 5.8 | 9980 | 9440 | 540 | 5.4 | 9357 | 8901 | 456 | 4.9 |
| WASHINGTON | 5847 | 4751 | 1096 | 18.7 | 5899 | 4977 | 922 | 15.6 | 6344 | 5099 | 1245 | 19.6 |
| WAYNE | 4549 | 4136 | 413 | 9.1 | 4651 | 4228 | 423 | 9.1 | 4686 | 4176 | 510 | 10.9 |
| WEBSTER | 9121 | 8358 | 763 | 8.4 | 9519 | 8754 | 765 | 8.0 | 9319 | 8471 | 848 | 9.1 |
| WORTH | 1144 | 1080 | 64 | 5.6 | 1258 | 1207 | 51 | 4.1 | 1152 | 1082 | 70 | 6.1 |
| WRIGHT | 6481 | 6065 | 416 | 6.4 | 6861 | 6380 | 481 | 7.0 | 6570 | 6054 | 516 | 7.9 |

Prepared in cooperation with the U.S. Department of Labor, Bureau of Labor Statistics.

# Table 2. Nonagricultural Wage & Salary Employment, Hours and Earnings
## Missouri (Statewide)
## November, 1987

| Industry Title | All Employees (In Thousands) | | | Production Workers: Average Weekly Earnings | | | Production Workers: Average Weekly Hours | | | Production Workers: Average Hourly Earnings | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | Curr. Mo. | Prev. Mo. | 1 Yr. Ago | Curr. Mo. | Prev. Mo. | 1 Yr. Ago | Curr. Mo. | Prev. Mo. | 1 Yr. Ago | Curr. Mo. | Prev. Mo. | 1 Yr. Ago |
| Total Non-Agri. Employment | 2189.8 | 2191.8 | 2160.0 | | | | | | | | | |
| Total Manufacturing | 415.3 | 417.2 | 419.7 | 408.04 | 406.13 | 393.33 | 41.3 | 41.4 | 40.3 | 9.88 | 9.81 | 9.76 |
| Durable Goods | 230.0 | 232.1 | 237.4 | 453.03 | 452.41 | 431.09 | 42.3 | 42.4 | 40.9 | 10.71 | 10.67 | 10.54 |
| Lumber & Wood Products | 10.7 | 10.8 | 10.2 | 254.66 | 262.66 | 263.87 | 39.3 | 40.1 | 39.8 | 6.48 | 6.55 | 6.63 |
| Furniture & Fixtures | 11.5 | 11.4 | 10.5 | 369.42 | 368.24 | 366.13 | 47.0 | 47.7 | 47.0 | 7.86 | 7.72 | 7.79 |
| Stone, Clay & Glass Prod. | 10.8 | 10.9 | 11.1 | 485.30 | 503.73 | 449.60 | 41.8 | 43.5 | 41.4 | 11.61 | 11.58 | 10.86 |
| Cement, Hydraulic | 1.0 | 1.0 | 1.0 | 581.67 | 641.85 | 578.64 | 41.4 | 43.0 | 40.1 | 14.05 | 14.95 | 14.43 |
| Structural Clay Prod. | 2.1 | 2.2 | 1.8 | 467.06 | 485.55 | 491.67 | 34.7 | 36.1 | 40.4 | 13.46 | 13.45 | 12.17 |
| Primary Metal Industries | 12.8 | 13.0 | 12.4 | 466.62 | 462.87 | 461.13 | 41.7 | 41.7 | 40.7 | 11.19 | 11.10 | 11.33 |
| Iron & Steel Foundries | 1.3 | 1.3 | 1.3 | 462.47 | 470.34 | 374.53 | 44.9 | 45.4 | 39.3 | 10.30 | 10.36 | 9.53 |
| Nonferrous Foundries | 3.7 | 3.7 | 3.5 | 329.47 | 334.27 | 340.71 | 41.6 | 42.1 | 41.0 | 7.92 | 7.92 | 8.31 |
| Fabricated Metal Products | 28.5 | 28.3 | 28.5 | 431.15 | 432.13 | 409.94 | 41.9 | 42.2 | 41.2 | 10.29 | 10.24 | 9.95 |
| Structural Metal Prod. | 11.1 | 10.9 | 11.3 | 413.09 | 418.05 | 406.70 | 41.6 | 42.1 | 41.5 | 9.93 | 9.93 | 9.80 |
| Machinery Exc. Electrical | 29.8 | 29.7 | 30.2 | 424.76 | 421.23 | 414.73 | 41.4 | 41.5 | 40.9 | 10.26 | 10.15 | 10.14 |
| Electrical & Electronic Equipment | 47.0 | 47.2 | 48.1 | 415.94 | 395.24 | 380.29 | 42.4 | 41.3 | 40.2 | 9.81 | 9.57 | 9.46 |
| Transportation Equipment | 59.5 | 61.3 | 67.5 | 625.65 | 632.47 | 565.96 | 43.0 | 43.8 | 40.6 | 14.55 | 14.44 | 13.94 |
| Motor Vehicles & Equip. | 23.0 | 25.5 | 30.6 | 638.57 | 660.97 | 564.21 | 42.6 | 44.6 | 39.4 | 14.99 | 14.82 | 14.32 |
| Instruments & Related Prod. | 11.4 | 11.4 | 11.3 | 345.14 | 325.07 | 311.59 | 42.4 | 41.2 | 38.9 | 8.14 | 7.89 | 8.01 |
| Misc. Mfg. Inds. | 8.0 | 8.1 | 7.6 | 281.73 | 258.59 | 265.15 | 41.8 | 39.6 | 41.3 | 6.74 | 6.53 | 6.42 |
| Nondurable Goods | 185.3 | 185.1 | 182.3 | 352.80 | 341.42 | 343.17 | 40.0 | 40.3 | 39.4 | 8.82 | 8.72 | 8.72 |
| Food & Kindred Products | 47.7 | 47.9 | 47.0 | 414.08 | 414.25 | 401.82 | 41.7 | 42.4 | 41.9 | 9.93 | 9.77 | 9.59 |
| Meat Products & Preserved Fruits & Vegetables | 13.6 | 13.4 | 13.7 | 315.13 | 322.37 | 300.37 | 42.7 | 43.8 | 41.8 | 7.38 | 7.36 | 7.19 |
| Dairy Products | 5.8 | 5.9 | 6.0 | 461.74 | 464.81 | 438.17 | 41.9 | 42.8 | 43.0 | 11.02 | 10.86 | 10.19 |
| Grain Mill Products | 7.5 | 7.6 | 7.1 | 499.05 | 467.25 | 477.89 | 45.0 | 44.5 | 45.6 | 11.09 | 10.50 | 10.48 |
| Bakery Products | 6.5 | 6.4 | 5.9 | 409.46 | 392.94 | 409.24 | 37.6 | 37.0 | 40.2 | 10.89 | 10.62 | 10.18 |
| Beverages | 9.9 | 10.0 | 9.9 | 576.42 | 589.89 | 525.05 | 38.3 | 39.3 | 35.5 | 15.05 | 15.01 | 14.79 |

Continued from Page 4

| Industry Title | All Employees (In Thousands) | | | Production Workers: Average Weekly Earnings | | | Production Workers: Average Weekly Hours | | | Production Workers: Average Hourly Earnings | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | Curr. Mo. | Prev. Mo. | 1 Yr. Ago | Curr. Mo. | Prev. Mo. | 1 Yr. Ago | Curr. Mo. | Prev. Mo. | 1 Yr. Ago | Curr. Mo. | Prev. Mo. | 1 Yr. Ago |
| Other Food & Kindred Prods. | 4.4 | 4.6 | 4.4 | 365.72 | 376.68 | 427.25 | 40.5 | 41.9 | 45.5 | 9.03 | 8.99 | 9.39 |
| Textile & Apparel | 25.7 | 26.0 | 25.0 | 198.83 | 208.21 | 199.63 | 34.7 | 36.4 | 36.1 | 5.73 | 5.72 | 5.53 |
| Paper & Allied Products | 13.3 | 13.0 | 13.3 | 406.19 | 407.04 | 396.88 | 42.4 | 42.4 | 41.0 | 9.58 | 9.60 | 9.68 |
| Paperboard Cont. & Boxes | 6.3 | 6.2 | 6.5 | 386.68 | 395.22 | 396.42 | 41.4 | 42.0 | 40.7 | 9.34 | 9.41 | 9.74 |
| Printing & Publishing | 39.0 | 38.8 | 39.1 | 386.71 | 380.83 | 401.15 | 39.3 | 38.9 | 39.6 | 9.84 | 9.79 | 10.13 |
| Commercial Printing | 13.5 | 13.5 | 13.6 | 472.34 | 457.78 | 479.52 | 41.8 | 40.8 | 42.7 | 11.30 | 11.22 | 11.23 |
| Chemicals & Allied | 28.3 | 28.3 | 28.2 | 503.71 | 486.14 | 469.42 | 43.2 | 42.2 | 42.1 | 11.66 | 11.52 | 11.15 |
| Leather & Leather Products | 17.5 | 17.2 | 16.4 | 220.47 | 219.01 | 187.35 | 39.3 | 38.9 | 33.1 | 5.61 | 5.63 | 5.66 |
| Footwear Exc. Rubber | 13.6 | 13.5 | 12.8 | 206.51 | 204.37 | 174.52 | 38.6 | 38.2 | 32.2 | 5.35 | 5.35 | 5.42 |
| Total Nonmanufacturing | 1774.5 | 1774.6 | 1740.3 | | | | | | | | | |
| Mining | 5.5 | 5.4 | 5.7 | | | | | | | | | |
| Construction | 101.0 | 103.9 | 100.0 | | | | | | | | | |
| Transportation & Public Util. | 144.1 | 144.1 | 141.9 | | | | | | | | | |
| Railroad Transportation | 10.0 | 10.0 | 10.3 | | | | | | | | | |
| Transportation (Exc. R.R.) | 78.1 | 78.0 | 76.2 | | | | | | | | | |
| Communications | 56.0 | 56.1 | 55.4 | | | | | | | | | |
| Wholesale & Retail Trade | 516.8 | 514.0 | 514.8 | | | | | | | | | |
| Wholesale Trade | 125.7 | 125.7 | 125.3 | | | | | | | | | |
| Retail Trade | 391.1 | 388.3 | 389.5 | | | | | | | | | |
| Finance, Insurance & Real Estate | 135.0 | 135.0 | 131.9 | | | | | | | | | |
| Services | 514.4 | 517.1 | 495.3 | | | | | | | | | |
| Government | 357.7 | 355.1 | 350.7 | | | | | | | | | |
| Federal Government | 71.8 | 71.6 | 72.4 | | | | | | | | | |
| State & Local Government | 0 | 0 | 0 | | | | | | | | | |

Prepared in cooperation with the U.S. Department of Labor, Bureau of Labor Statistics.

Continued from Cover
ber, while unemployment remained near the level which has prevailed for the past six months. The seasonally adjusted civilian unemployment rate of 5.9 percent was not significantly different from October's 6.0 percent rate. The rate has hovered near the 6 percent level since dropping from 6.3 percent in May to 6.1 percent in June.

Total civilian employment was up by 315,000 in November, while nonfarm payroll employment grew by 275,000 jobs, each on a seasonally adjusted basis. Over the past year, total civilian employment has grown by more than 3 million, while nonfarm payroll employment was up by about 2.8 million. Although most of the jobs growth continues to be in the service-producing sector, manufacturing has grown by about 360,000 jobs since November 1986.

### *Outlook*

The government's index of leading economic indicators fell sharply in November after having risen in every month since January. The November drop was the largest since July 1984. About two-thirds of the drop was accounted for by falling stock prices, but the majority of the other indicators that comprise the index also declined. The two labor market indicators -- the factory workweek and the number of initial claims for unemployment insurance -- posted declines for the month. The declie in the workweek was small, and average hours stilled remained at historically high levels.

There is a greater-than-usualy diversity in year-end economic forecasts, but the consensus seems to be that economic growth will slow in 1988 from the relatively rapid pace experienced in 1987. Forecasters who expect an outright recession are in the minority. It would probably not take much weakening in the economy to induce rising unemployment, however.

So far, there has been little concrete evidence of a slowdown. Consumer spending was predicted to fall as a result of the massive loss of wealth that occurred in the stock market crash. However, early evidence suggests that retail sales did not suffer in the Christmas season. Maintenance of consumer spending at the relatively high levels of recent years may be a fragile proposition, however.

Lower interest rates may be offsetting some negative effects in housing and other interest-sensitive sectors of the economy. The falling value of the dollar may help the manufacturing sector, especially those industries where exports can be expected to benefit from relatively lower prices of Ameriean goods in foreign markets. Certainly, the effects of the crash and the policy changes that have taken place in its wake will reshape the economy from what it otherwise would have been, but the effects on overall economic growth may be less than had earlier been feared. Additional months of evidence will likely shed more light on the direction of the economy in 1988.

Employment and unemployment conditions in Missouri usually weaken a little in December before more substantial deterioration occurs in January. The automobile industry should remain about the same in November as December, as a recall at one plant should about offset the affects of a layoff at another. In January, however, both those plants are expected to have workers on layoff, which should contribute to higher unemployment and lower employment in the month.

**Table 3. Selected Economic Statistics Related To Manpower Developments Missouri — November, 1987**

| Item | Current Mo. (Preliminary) | 1 Mo. Ago (Revised) | 1Yr. Ago (Revised) | Net Change To Current Month From: | |
|---|---|---|---|---|---|
| | | | | 1 Mo. Ago | 1 Yr. Ago |
| Total Civilian Labor Force (No. of Workers) | 2,574,600 | 2,606,500 | 2,560,000 | -31,900 | 24,600 |
| Total Employed | 2,418,300 | 2,462,800 | 2,401,600 | -44,500 | 16,700 |
| Total Unemployed | 156,300 | 143.700 | 148,400 | 12,600 | 7,900 |
| Unemployment Rate (% of CLF) | 6.1 | 5.5 | 5.8 | 0.6 | 0.3 |
| Nonagricultural Wage & Salary Employment | | | | | |
| Except Domestics (No. of Jobs) | 2,189,800 | 2,191,800 | 2,160,000 | -2,000 | 29,800 |
| Manufacturing | 415,300 | 417,200 | 419,700 | -1,900 | -4,400 |
| Durable Goods | 230,000 | 232,100 | 237,400 | -2,100 | -7,400 |
| Nondurable Goods | 185,300 | 185,100 | 182,300 | 200 | 3,000 |
| Nonmanufacturing | 1,257,700 | 1,260,600 | 1,225,500 | -2,900 | -32,200 |
| State Initial Claims (Wkly Avg.) | 7,732 | 5,761 | 7,942 | 1,971 | -210 |
| State Insured Unemployment (Wkly Avg.) | 34,600 | 33,073 | 39,598 | 1,527 | -4,998 |
| Insured Unemployment Rate | 2.0 | 1.7 | 2.5 | 0.3 | -0.5 |
| Exhaustions (State U.I.) | 2,159 | 2,320 | 2,481 | -161 | -322 |
| Amount of Benefits Paid | $14,235,726 | $14,570,453 | $15,109,445 | -$334,727 | -$873,719 |
| State U.I. | 14,003,995 | 14,305,449 | 14,805,050 | -301,454 | -801,055 |
| UCFE | 141,687 | 164,667 | 184,930 | -22,980 | -43,243 |
| UCX | 90,044 | 100,337 | 119,465 | -10,293 | -29,421 |

Prepared in cooperation with U.S. Dept. of Labor, Bureau of Labor Statistics.

# Kansas City Labor Market Review

The Kansas City Metropolitan Statistical Area (MSA) includes Jackson, Cass, Clay, Lafayette, Platte and Ray counties in Missouri and Johnson, Wyandotte, Leavenworth and Miami counties in Kansas. The 1980 population for the MSA has been published at 1,433,458 persons by the U.S. Bureau of the Census.

November, 1987

Franciena King, Analyst

Although the Kansas City Area recorded the year's highest level of Nonagricultural Payroll jobs in November 1987, the Area's unemployment rate rose by two tenths of a percentage point, up to 5.3 percent of the labor force. Seasonal layoffs in the Construction and Service industries, coupled with losses of non-payroll jobs in agriculture and the self-employed added 1,600 jobless workers to the Area's labor market. At 5.3 percent, the Area's November unemployment rate rose by almost a full point above last year's 4.4 percent unemployment rate. Continued layoffs in many of the Area' s Manufacturing establishments set the total number of jobless workers up by 7,300 over the previous year's figures. Despite some rebound in Manufacturing employment, as another 600 automobile assemblers returned to work, overall Manufacturing employment has remained at moderately depressed levels over the last seven months. Overall civilian employment fell below the October 1987 level by 2,700 and below the November 1986 level by 1,000. As many Area Workers exhausted unemployment benefits, the civilian labor force recorded more than a thousand withdrawals. Despite this over-the-month contraction, the Area's civilian labor force has continued to expand over the previous year's highs. In November 1987, the civilian labor force was up by 6,300 over November 1986 levels.

Wage and salaried employment in November 1987 was 724,100, an increase of more than 1,400 jobs over the year's previous highest level of 722,700 which was reached in October 1987. These 1,400 new jobs were divided equally between the Manufacturing and Nonmanufacturing sectors. Six hundred of the 700 additional jobs recorded in the Manufacturing sector were recorded in the Transportation Equipment industry. With the exception of the six hundred jobs added over-the-month as one Area automobile assembly plant recovered assembler jobs lost earlier in the year, all other Manufacturing industries were relatively stable over-the-month. Employment in Nondurable Goods Manufacturing has held steady at 52,700 over the last four months.

Most of the major employment changes over-the-month were concentrated in the Nonmanufacturing sector. With the exception of seasonal decreases in the Construction and Services industries, all Nonmanufacturing industries were either unchanged or posted employment insurances over-the-month. Employment in the Construction industry dropped by 700 jobs from the year's highest employment level of 36,900, which was recorded in October 1987. These reductions in Construction employment were scattered across all types of construction, although non-residential incurred the largest descrease with 400 fewer jobs in November compared to October 1987. After expanding consistently over the last ten months, employment in the Services industry also dropped by 600 jobs from the year's highest recorded employment level of 167,200. The largest number of jobs was gained in the Retail Trade industry. Area merchants hired about 1,500 temporary workers for the holiday shopping season. Holiday hiring this November averaged about the same, as the increase from October to November 1986. However, October to November gains in 1986 and 1987 were down considerably from the gains of 2,300 jobs recorded in 1985 and 4,300 jobs recorded in 1984. Job growth was moderate in State and Local Government and Transportation, Communications and Utilities; together these two industries accounted for about 500 new jobs. The remaining Nonmanufacturing industries were unchanged over-the-month.

Wage and salaried employment was 724,100 in November 1987, up by 300 from the November 1987 total of 723,800. Durable Goods Manufacturing was 59,000 in November 1987 compared to 66,100 in November 1986. Eighty percent or 5,700 of the 7,100 jobs lost over the period were lost in the Transportation Equipment industry. Overall the Transportation Equipment has remained at relatively depressed employment levels since May 1987 when 3,800 assembly workers were laid off in that month alone. From May to August more than 5,600 assemblers had lost their jobs. Since the industry's low point of 7,800, reached in August 1987, only slightly over 2,000 of these assemblers have returned to work. The Area's Electrical/Electronic industry, also suffering from increased pressures, has faired consistently worse in 1987 than in 1986. From November 1986 to November 1987 more than 1,500 jobs have been lost in that industry. Other Manufacturing industries experiencing losses over the year are Machinery and Fabricated Metal Products manufacturing, each with about 200 fewer jobs. Within the Nondurable Goods Manufacturing industry, Food and Kindred Products manufacturing had about 500 fewer jobs. Overall, however, Nondurable Goods Manufacturing grew by about 700 jobs as a result of job growth in Chemical Products, primarily pharmaceutical products, and Paper and Paper Products.

While the Manufacturing sector lost over 6,000 jobs, the Nonmanufacturing sector gained only slightly more for a net gain of 300 payroll jobs over the 12-month period. A moderate slowdown in the Area's Construction activity, mainly residential and special trade contractors, resulted in the Area's only Nonmanufacturing industry showing losses over-the-year. Compared to the previous years' phenomenal

## Table 1. Nonagricultural Wage & Salary Employment
(Place of Work)
(Benchmark — March 1986)

**Area and State:** Kansas City, Missouri-Kansas **Month and Year of Current:** November, 1987

| Item | Number of Jobs | | | Net Change To Current Month From: | |
|---|---|---|---|---|---|
| | Current Mo. | 1 Mo. Ago | 1 Yr. Ago | 1 Mo. Ago | 1 Yr. Ago |
| I | II | III | IV | V | VI |
| Total Nonagricultural Wage & Salaried Employment | 724,100 | 722,700 | 723,800 | +1,400 | +300 |
| Total Manufacturing | 111,700 | 111,000 | 118,100 | +700 | -6,400 |
| Durable Goods | 59,000 | 58,300 | 66,100 | +700 | -7,100 |
| Lumber & Furniture | 3,900 | 3,800 | 3,600 | +100 | +300 |
| Stone, Clay & Glass Products | 3,500 | 3,600 | 3,500 | +100 | 0 |
| Primary Metal Industries | 3,800 | 3,800 | 3,600 | 0 | +200 |
| Fabricated Metal Products | 8,800 | 8,900 | 9,000 | -100 | -200 |
| Machinery Except Electrical | 8,000 | 8,100 | 8,200 | -100 | -200 |
| Electrical Equipment & Supplies | 17,400 | 17,300 | 18,900 | +100 | -1,500 |
| Transportation Equipment | 9,900 | 9,300 | 15,600 | +600 | -5,700 |
| Motor Vehicles & Equipment | (9,500) | (8,900) | (15,200) | (+600) | (-4,300) |
| Nondurable Goods | 52,700 | 52,700 | 52,000 | 0 | +700 |
| Food & Kindred Products | 9,200 | 9,300 | 9,700 | +100 | -500 |
| Apparel & Other Textile Products | 2,200 | 2,200 | 2,200 | 0 | 0 |
| Paper & Allied Products | 6,000 | 6,000 | 5,600 | 0 | +400 |
| Printing & Publishing | 19,900 | 19,900 | 19,900 | 0 | 0 |
| Chemicals & Allied Products | 9,600 | 9,700 | 9,000 | 0 | +600 |
| Petroleum & Coal Products | 500 | 500 | 500 | 0 | 0 |
| Total Nonmanufacturing | 612,400 | 611,500 | 605,700 | +900 | +6,700 |
| Mining & Quarrying | 600 | 600 | 500 | 0 | +100 |
| Construction | 36,200 | 36,900 | 37,000 | -700 | -800 |
| Transportation, Comm. & Utilities | 55,600 | 55,400 | 54,000 | +200 | +1,600 |
| Wholesale & Retail Trade | 182,600 | 181,100 | 181,400 | +1,500 | +1,200 |
| Wholesale Trade | (55,700) | (55,700) | (55,100) | (0) | (+600) |
| Retail Trade | (126,900) | (125,400) | (126,300) | (+1,500) | (+600) |
| Finance, Insurance & Real Estate | 56,800 | 56,800 | 56,800 | 0 | 0 |
| Services | 166,600 | 167,200 | 163,000 | -600 | +3,600 |
| Government | 114,000 | 113,700 | 112,200 | +300 | +1,800 |
| Federal Government | (31,200) | (31,200) | (30,500) | (0) | (+700) |
| State & Local Government | (82,800) | (82,500) | (81,700) | (+300) | (+1,100) |
| In Labor-Management Disputes | 100 | 100 | 100 | 0 | 0 |

Prepared in cooperation with the U.S. Department of Labor, Bureau of Labor Statistics.

growth, averaging 6,400 more in November 1984 than in 1983, and 3,000 more in each of the following two years, November 1987 recorded a loss of 800 jobs over November 1986 figures. With this single exception, almost all other industries in the sector registered substantial growth over the period. Despite monthly seasonal losses, the Services industry expanded by 3,600 over the 12-month period. Business services, which added 1,600 jobs, recreation, with added 800, and health services, with 400 jobs, accounted for the growth in the industry's employment. The second top gainer was State and Local Government with more than a thousand new jobs over-the-year. Moderate advances were recorded in other industries; Federal Government added 700 jobs, Retail and Wholesale Trade each added 600, and Transportation, Communications and Utilities added 800. The Finance, Insurance and Real Estate industry was unchanged.

Total unemployment on a place-of-residence basis was 42,700 in November 1987, for 5.3 percent of the labor force, compared to 41,100 in October 1987 for 5.1 percent of the labor force and 35,400 in November 1986 for 4.4 percent of the labor force.

### *Employment and Unemployment Forecast*

The Area's labor market will show mixed conditions in December 1987. The Area's unemployment rate will rise by perhaps two tenths of a percentage point, despite continued employment gains in Retail Trade. Retail Trade employment will reach its annual high point in December 1987, by adding another five or six hundred more temporary workers. Compared to hiring increases in December 1984 and December 1985, these increases will appear relatively moderate and will only partially offset the losses occurring elsewhere in the economy. Unemployment will rise as layoffs in Services and Construction industries couple with short term layoffs in State and Local Government and some Manufacturing industries, as Area employers reduce their activities during the holiday break. Unemployment is expected to be 5.5 percent in December 1987 compared to 5.3 percent in November 1987 and 4.5 percent in December 1986.

The unemployment rate in the Area may rise by half a point from December 1987 to January 1988, due to layoffs occurring in many of the Area's industries. Retail Trade will begin laying off temporary workers hired during the Christmas buying season. Construction and Services industry employment will fall to annual lows. The overall number of nonagricultural payroll jobs should drop to its lowest levels as losses in several Manufacturing industries compound seasonal losses in the Nonmanufacturing sector. Unemployment is expected to rise to 6.0 percent of the labor force in January 1988, compared to 5.5 percent in December 1987 and 5.8 percent in January 1987.

## Table 2. Production Workers Average Hours and Earnings in Manufacturing

**Area and State: Kansas City, Missouri-Kansas** **Month and Year of Current Data: November, 1987**

| Industry | Average Weekly Earnings | | | Average Weekly Hours | | | Average Hourly Earnings | | |
|---|---|---|---|---|---|---|---|---|---|
| | Current Month | 1 Mo. Ago | 1 Yr. Ago | Current Month | 1 Mo. Ago | 1 Yr. Ago | Current Month | 1 Mo. Ago | 1 Yr. Ago |
| Total Manufacturing | $465.37 | $459.26 | $460.43 | 41.7 | 41.3 | 41.0 | $11.16 | $11.12 | $11.23 |
| Durable Goods | 493.24 | 489.56 | 479.17 | 41.8 | 41.7 | 40.3 | 11.80 | 11.74 | 11.89 |
| Lumber & Furniture | 359.98 | 353.76 | 314.02 | 43.9 | 44.0 | 39.8 | 8.20 | 8.04 | 7.89 |
| Stone, Clay & Glass Products | 541.82 | 514.95 | 472.32 | 38.4 | 37.1 | 36.9 | 14.11 | 13.88 | 12.80 |
| Primary Metal Industries | 430.85 | 445.44 | 377.41 | 38.4 | 38.7 | 36.5 | 11.22 | 11.51 | 10.34 |
| Fabricated Metal Products | 411.52 | 412.30 | 388.83 | 41.4 | 41.9 | 39.0 | 9.94 | 9.84 | 9.97 |
| Machinery Exc. Electrical | 432.70 | 437.24 | 401.96 | 43.4 | 43.9 | 41.1 | 9.97 | 9.96 | 9.78 |
| Electrical Equip. & Supplies | 559.19 | 517.83 | 498.93 | 44.1 | 42.1 | 41.2 | 12.68 | 12.30 | 12.11 |
| Transportation Equipment | 616.85 | 663.28 | 628.32 | 39.9 | 41.9 | 42.0 | 15.46 | 15.83 | 14.96 |
| Motor Vehicles & Equipment | (634.00) | (684.06) | (636.30) | (40.0) | (42.2) | (42.0) | (15.85) | (16.21) | (15.15) |
| Nondurable Goods | 429.11 | 421.46 | 430.08 | 41.5 | 40.8 | 42.0 | 10.34 | 10.33 | 10.24 |
| Food & Kindred Products | 401.79 | 406.63 | 395.52 | 39.9 | 40.3 | 40.4 | 10.07 | 10.09 | 9.79 |
| Apparel & Other Textile Prod. | 220.33 | 210.50 | 222.04 | 36.6 | 35.2 | 36.4 | 6.02 | 5.98 | 6.10 |
| Paper & Allied Products | 394.13 | 412.05 | 433.63 | 39.1 | 40.2 | 42.1 | 10.08 | 10.25 | 10.30 |
| Printing & Publishing | 469.03 | 455.67 | 493.27 | 42.6 | 41.2 | 44.2 | 11.01 | 11.06 | 11.16 |
| Chemicals & Allied Products | 587.85 | 548.29 | 539.91 | 44.5 | 41.6 | 43.4 | 13.21 | 13.18 | 12.21 |
| Petroleum & Coal Products | 426.78 | 445.82 | 436.57 | 40.3 | 41.9 | 38.6 | 10.59 | 10.64 | 11.31 |

* This series excludes industry 2771.

Prepared in cooperation with the U.S. Department of Labor, Bureau of Labor Statistics.

# St. Louis Labor Market Review

The St. Louis Area includes the City of St. Louis, and St. Louis, St. Charles, Jefferson and Franklin Counties in Missouri; and Clinton, Madison, Monroe, St. Clair and Jersey Counties in Illinois. The 1980 population for the Area was stated as 2,376,998 persons by the U.S. Bureau of the Census.

November, 1987

Russell Signorino, Analyst

### *Area Labor Force Developments*

The St. Louis MSA unemployment rate increased from 6.1% in October to 6.4% in November. Total employment declined by 4,000 and the number of unemployed rose 4,000. The area's industry experienced a temporary inventory reduction layoff causing the unemployment rate increase. This industry continues to be plagued by an oversupply of many models and therefore more layoffs will occur throughout the first few months of 1988. Indefinite layoffs will also be registered in autos in December 1987 and January, 1988. Most other St. Louis area industries remained healthy. Seasonal gains were reported in transportation and trade and a number of manufacturing industries continued to report small increases. Over the year, unemployment declined 600 and total employment rose 13,500. The unemployment rate in November, 1986 was 6.5%. A majority of manufacturing industries reported increased or stable employment while only small losses were reported in 6 nonmanufacturing sectors. Significant job losses continued to be concentrated in autos while services continued to register the largest job growth. There were less than 50 workers involved in labor disputes in November and October and 700 in November, 1986.

### *Manufacturing*

Manufacturing employment declined 1200 over the month. Motor vehicles declined 2500 due to the temporary inventory reduction layoff. Small seasonal declines were reported in lumber and food. The decline of the value of the U.S. dollar continued to have a positive impact on a number of manufacturing sectors. Fabricated metals rose 200, nonelectrical machinery was up 100 and chemicals added 200 workers. The area's aircraft industry, after declinig during the first half of 1987, rose 800 during the month. This is the largest one month increase reported by this industry since June, 1986. Over the year, manufacturing declined 3,200. Motor vehicles has declined 4,800 jobs over the past 12 months. Gains were reported in stone, primary metals, fabricated metals, nonelectrical machinery and food. Food increases continued to be concentrated in the beverage sector.

### *Nonmanufacturing*

Nonmanufacturing rose 4,500 over the month. Seasonal gains, in preparation for the holiday buying season, were reported in wholesale and retail trade. The holiday season also caused increases in trucking and airline transportation. Construction, which normally experiences seasonal declines in November, added 100 workers. Good weather conditios during the middle of November were responsible for the small construction improvement. Services, down 500, was affected by seasonal declines in agricultural services, hotels, and amusement and recreation. Over the year, nonmanufacturing has added 15,000 workers. Transportation gains were concentrated in trucking and air transportation. In retail trade, restaurants added 1,500 workers and miscellaneous retailing was up 1,300. Service gains were concentrated in hotels (+900), business services (+4,400), medical (+1,200) education (+1,200) and miscellaneous professional services (+600).

### *Unemployment Rate Outlook*

The unemployment rate in December, 1987 is expected to be 6.5%.

### *Unemployment and Manpower Resources*

The industry distribution of Missouri resident claimants is:

| Industry | Aug. | Sep. | Oct. | Nov. |
|---|---|---|---|---|
| Mining | 24 | 20 | 19 | 18 |
| Construction | 1669 | 1381 | 1425 | 1716 |
| Manufacturing | 3885 | 4275 | 3818 | 5927 |
| Public Utilities | 1248 | 809 | 631 | 619 |
| Wholesale & Retail Tr. | 3581 | 2599 | 2788 | 2957 |
| Finance | 620 | 556 | 555 | 637 |
| Services | 3616 | 2769 | 2817 | 2759 |
| All Other | 362 | 311 | 318 | 344 |
| TOTAL | 15005 | 12720 | 12371 | 14977 |

The occupational distribution of the intrastate Missouri resident claimant is:

| Occupation | Aug. | Sep. | Oct. | Nov. |
|---|---|---|---|---|
| Prof., Tech. & Mgr. | 1360 | 1036 | 1096 | 1024 |
| Clerical | 2055 | 1544 | 1456 | 1451 |
| Sales | 462 | 346 | 321 | 360 |
| Farm, Fish & Forest | 89 | 54 | 37 | 57 |
| Processing | 177 | 142 | 160 | 137 |
| Machine Trades | 774 | 703 | 634 | 666 |
| Bench Work | 653 | 495 | 453 | 527 |
| Structural Work | 1253 | 1236 | 1207 | 1926 |
| Misc. Work | 1381 | 1067 | 1086 | 1133 |
| Service | 1735 | 1225 | 1202 | 1184 |
| INA | 5066 | 4872 | 4719 | 6512 |
| TOTAL | 15005 | 12720 | 12371 | 14977 |

### *Available Job Oppportunties*

The occupations percentage distribution of the openings received and filled during fiscal year 1988 by the Missouri State Employment Service is as follows:

| Occupational Group | Openings Received Percent | Openings Filled Percent |
|---|---|---|
| Professional, Technical & Managerial | 4.9 | 1.4 |
| Clerical | 15.7 | 9.7 |
| Sales | 17.8 | 21.9 |
| Processing | 1.7 | 2.5 |
| Machine Trades | 4.6 | 4.6 |
| Bench Work | 5.8 | 7.6 |
| Structural Work | 6.9 | 7.7 |
| Motor Freight & Trans. | 3.9 | 2.5 |
| Packaging & Material Handling | 9.1 | 12.1 |
| Domestic | 0.7 | 0.3 |
| Other Services | 24.1 | 23.2 |
| Other Occupations | 4.8 | 6.5 |

## Table 1. Nonagricultural Wage & Salary Employment
(Place of Work)

**Area and State:** St. Louis, Mo.-Ill. Met. Area **Month and Year of Current:** November, 1987

| Item | Number of Jobs | | | Net Change To Current Month From: | |
|---|---|---|---|---|---|
| | Current Mo. | 1 Mo. Ago | 1 Yr. Ago | 1 Mo. Ago | 1 Yr. Ago |
| I | II | III | IV | V | VI |
| Nonagricultural Wage & Salary, Total | 1,116,300 | 1,113,100 | 1,104,500 | +3,200 | +11,800 |
| Percent Change | | | | +(0.3) | +(1.1) |
| Manufacturing | 217,300 | 218,600 | 220,500 | -1,300 | -3,200 |
| Durable Goods | 134,800 | 136,300 | 137,900 | -1,500 | -3,100 |
| Lumber & Furniture | 4,300 | 4,400 | 4,500 | -100 | -200 |
| Stone, Clay & Glass | 3,400 | 3,400 | 3,200 | 0 | +200 |
| Primary Metal Industries | 14,100 | 14,100 | 13,600 | 0 | +500 |
| Fabricated Metal Products | 17,000 | 16,800 | 16,400 | +200 | +600 |
| Machinery, Except Electrical | 17,800 | 17,700 | 17,100 | +100 | +700 |
| Electrical & Electronic Equip. | 14,300 | 14,300 | 14,300 | 0 | 0 |
| Transportation Equipment | 51,100 | 52,800 | 56,200 | -1,700 | -5,100 |
| Motor Vehicles | 15,300 | 17,800 | 20,100 | -2,500 | -4,800 |
| Aircraft & Parts | 30,500 | 29,700 | 30,400 | +800 | +100 |
| Instruments & Misc. Mfg. | 12,800 | 12,800 | 12,600 | 0 | +200 |
| Nondurable Goods | 82,500 | 82,300 | 82,600 | +200 | -100 |
| Food & Kindred Products | 22,800 | 22,900 | 22,300 | -100 | +500 |
| Meat Products | 1,000 | 1,000 | 1,000 | 0 | 0 |
| Beverages | 9,200 | 9,200 | 8,800 | 0 | +400 |
| Textiles & Apparel | 6,500 | 6,500 | 6,600 | 0 | -100 |
| Paper & Paper Products | 5,500 | 5,500 | 5,700 | 0 | -200 |
| Printing & Publishing | 16,600 | 16,600 | 16,600 | 0 | 0 |
| Chemical & Allied Products | 18,700 | 18,500 | 18,900 | +200 | -200 |
| Petroleum & Coal Products | 2,500 | 2,500 | 2,600 | 0 | -100 |
| Leather & Leather Products | 4,700 | 4,700 | 4,600 | 0 | +100 |
| Other Nondurable Goods | 5,200 | 5,100 | 5,300 | +100 | -100 |
| Nonmanufacturing | 899,000 | 894,500 | 884,000 | +4,500 | +15,000 |
| Mining | 3,400 | 3,400 | 3,500 | 0 | -100 |
| Construction | 56,200 | 56,100 | 56,800 | +100 | -600 |
| Transportation & Public Utilities | 75,600 | 75,000 | 74,100 | +600 | +1,500 |
| Railroads | 4,400 | 4,400 | 4,500 | 0 | -100 |
| Transportation, Except Railroads | 41,600 | 41,000 | 39,600 | +600 | +2,000 |
| Communications & Public Utilities | 29,600 | 29,600 | 30,000 | 0 | -400 |
| Wholesale & Retail Trade | 265,500 | 261,900 | 264,100 | +3,600 | +1,400 |
| Wholesale Trade | 61,500 | 61,200 | 62,500 | +300 | -1,000 |
| Retail Trade | 204,000 | 200,700 | 201,600 | +3,300 | +2,400 |
| Finance, Insurance & Real Estate | 72,600 | 72,600 | 71,700 | 0 | +900 |
| Service, Except Domestic | 286,100 | 286,600 | 276,300 | -500 | +9,800 |
| Total Government | 139,600 | 138,900 | 137,500 | +700 | +2,100 |
| Total Federal Government | 36,800 | 36,800 | 37,100 | 0 | -300 |
| Total State & Local Government | 102,800 | 102,100 | 100,400 | +700 | +2,400 |
| Persons Involved in Labor-Management Disputes | 0 | 0 | 700 | 0 | -700 |

Prepared in cooperation with the U.S. Department of Labor, Bureau of Labor Statistics.

## Table 2. Average Hours & Earnings of Production and Related Workers in Manufacturing

**Area and State:** St. Louis Metropolitan Area — **Month and Year of Current Data:** November, 1987

| Industry | Average Weekly Earnings | | | Average Weekly Hours | | | Average Hourly Earnings | | |
|---|---|---|---|---|---|---|---|---|---|
| | Current Month | 1 Mo. Ago | 1 Yr. Ago | Current Month | 1 Mo. Ago | 1 Yr. Ago | Current Month | 1 Mo. Ago | 1 Yr. Ago |
| Total Manufacturing | $482.65 | $477.10 | $459.59 | 41.5 | 41.2 | 40.6 | $11.63 | $11.58 | $11.32 |
| Durable Goods | 500.11 | 498.42 | 479.76 | 41.4 | 41.5 | 40.9 | 12.08 | 12.01 | 11.73 |
| Lumber & Furniture | 375.60 | 387.66 | 348.88 | 40.3 | 42.0 | 39.2 | 9.32 | 9.23 | 8.90 |
| Stone, Clay & Glass Products | 424.42 | 456.19 | 410.65 | 36.4 | 38.4 | 37.4 | 11.66 | 11.88 | 10.98 |
| Primary Metal Industries | 509.23 | 486.98 | 460.08 | 41.3 | 41.2 | 43.2 | 12.33 | 11.82 | 10.65 |
| Fabricated Metal Products | 461.00 | 459.31 | 423.63 | 42.1 | 42.1 | 40.5 | 10.95 | 10.91 | 10.46 |
| Machinery, Exc. Electrical | 453.46 | 451.66 | 483.11 | 41.0 | 40.8 | 41.9 | 11.06 | 11.07 | 11.53 |
| Elect & Electronic Equip. | 416.49 | 424.32 | 384.30 | 41.9 | 41.6 | 39.7 | 9.94 | 10.10 | 9.68 |
| Transportation Equipment | 626.33 | 623.08 | 691.19 | 41.7 | 42.3 | 41.4 | 15.02 | 14.73 | 14.28 |
| Instruments & Misc. Mfg. | 340.31 | 322.74 | 309.12 | 41.1 | 39.6 | 38.4 | 8.28 | 8.15 | 8.05 |
| Nondurable Goods | 452.45 | 440.23 | 421.60 | 41.7 | 40.8 | 40.0 | 10.85 | 10.79 | 10.54 |
| Food & Kindred Products | 492.61 | 484.76 | 482.36 | 41.5 | 40.6 | 40.5 | 11.87 | 11.94 | 11.91 |
| Textiles & Apparel | 247.27 | 249.35 | 215.47 | 38.1 | 38.9 | 33.2 | 6.49 | 6.41 | 6.49 |
| Paper & Paper Products | 529.46 | 520.93 | 459.90 | 47.4 | 46.1 | 43.8 | 11.17 | 11.30 | 10.50 |
| Printing & Publishing | 417.37 | 403.37 | 403.87 | 39.3 | 38.6 | 38.5 | 10.62 | 10.45 | 10.45 |
| Chemicals & Allied Prods. | 567.24 | 535.53 | 512.86 | 43.4 | 41.1 | 41.9 | 13.07 | 13.03 | 12.24 |
| Petroleum & Coal Products | 621.15 | 619.23 | 552.21 | 41.0 | 40.9 | 39.5 | 15.15 | 15.14 | 13.98 |
| Leather & Leather Products | 297.20 | 293.37 | 263.87 | 47.1 | 46.2 | 44.2 | 6.31 | 6.35 | 5.97 |
| Other Nondurable Goods | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |

Prepared in cooperation with the U.S. Department of Labor, Bureau of Labor Statistics.

# Springfield Labor Market Review

**(Greene and Christian Counties)**

November, 1987

Lloyd Banwart, Analyst

### *Civilian Labor Force, Employment and Unemployment*

The Springfield MSA labor force decreased 800 from October to 121,000 in November. The number of unemployed persons remained at 5,400 during the one month period. The rate of unemployment, estimated at 4.5 percent, shows no change from October.

### *Nonagricultural Wage & Salary Employment*

Nonfarm payrolled employment, estimated at 107,800, shows an increase of 200 during the month. The manufacturing segment, which accounts for approximately 20,400 jobs, was characterized by stability during the 30 day period. The only change in employment levels of the nonmanufacturing group since October occurred in the retail trade establishments. A rise of 200 was in response to the Christmas season and reflects mostly temporary workers.

### *Hours and Earnings*

Average hourly earnings of manufacturing production and related workers rose from $8.49 in October to $8.54 in November. The average factory work week edged up by three-tenths of an hour to reach 39.6 hours in November. These two influences fostered a gain of $4.52 in average weekly earnings which came to $338.18 in November.

### *Employment and Unemployment Outlook*

The level of payrolled employment will show very little change in December. A seasonal increase in retail trade employment will be off-set by a seasonal drop in construction jobs. A slight increase in the rate of unemployment is expected during December followed by a more substantial jump in January.

## Table 1. Nonagricultural Wage & Salary Employment

**(Place of Work)**

**(Benchmark — March, 1986)**

**Area and State: Springfield, Missouri** **Month and Year of Current: November, 1987**

| Item | Number of Jobs | | | Net Change To Current Month From: | |
|---|---|---|---|---|---|
| | Current Mo. | 1 Mo. Ago | 1 Yr. Ago | 1 Mo. Ago | 1 Yr. Ago |
| I | II | III | IV | V | VI |
| Total Nonag. Wage & Salary, Employment (Exc. Domestics) | 107,800 | 107,600 | 105,000 | +200 | +2,800 |
| Manufacturing | 20,400 | 20,400 | 20,100 | 0 | +300 |
| Durable Goods | 11,200 | 11,300 | 11,100 | -100 | +100 |
| Lumber & Wood (Inc. Furn.) | 1,200 | 1,200 | 1,100 | 0 | +100 |
| Other Durable Goods | 10,000 | 10,100 | 10,000 | -100 | 0 |
| Nondurable Goods | 9,200 | 9,100 | 9,000 | +100 | +200 |
| Food Processing | 4,100 | 4,100 | 4,000 | 0 | +100 |
| Printing & Publishing | 1,700 | 1,700 | 1,700 | 0 | 0 |
| Other Nondurable Goods | 3,400 | 3,300 | 3,300 | +100 | +100 |
| Nonmanufacturing | 87,400 | 87,200 | 84,900 | +200 | +2,500 |
| Mining | 100 | 100 | 100 | 0 | 0 |
| Construction | 4,500 | 4,500 | 4,300 | 0 | +200 |
| Transportation & Utilities | 6,900 | 6,900 | 6,400 | 0 | +500 |
| Trade | 29,300 | 29,100 | 28,600 | +200 | +700 |
| Finance, Insurance & Real Estate | 5,100 | 5,100 | 5,100 | 0 | 0 |
| Services | 27,500 | 27,500 | 26,600 | 0 | +900 |
| Government | 14,000 | 14,000 | 13,800 | 0 | +200 |
| Federal | 1,800 | 1,800 | 1,800 | 0 | 0 |
| State and Local | 12,200 | 12,200 | 12,000 | 0 | +200 |
| Persons Involved in Labor-Management Disputes | 0 | 0 | 0 | 0 | 0 |

Prepared in cooperation with the U.S. Dept. of Labor, Bureau of Labor Statistics.

## Table 2. Gross Average Hours and Earnings for Production and Related Workers in Manufacturing Industries

**Area and State: Springfield, Missouri** **Month and Year of Current Data: November, 1987**

| Industry | Average Weekly Earnings | | | Average Weekly Hours | | | Average Hourly Earnings | | |
|---|---|---|---|---|---|---|---|---|---|
| | Current Month | 1 Mo. Ago | 1 Yr. Ago | Current Month | 1 Mo. Ago | 1 Yr. Ago | Current Month | 1 Mo. Ago | 1 Yr. Ago |
| Total Manufacturing | $338.18 | $333.66 | $352.23 | 39.6 | 39.3 | 41.1 | $8.54 | $8.49 | $8.57 |
| Durable Goods | 329.11 | 322.92 | 354.06 | 39.7 | 39.0 | 42.1 | 8.29 | 8.28 | 8.41 |
| Nondurable Goods | 351.16 | 349.36 | 348.39 | 39.5 | 39.7 | 39.5 | 8.89 | 8.80 | 8.82 |
| Food & Kindred Products | 379.09 | 377.61 | 375.60 | 40.2 | 40.3 | 40.0 | 9.43 | 9.37 | 9.39 |
| Other Nondurable Goods | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |

Prepared in cooperation with the U.S. Bureau of Labor Statistics.

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